. . .

UNITED STATES DISTRICT COURT DISTRICT OF NEVADA

Case No. 2:14-cr-314-GMN-GWF
FINDINGS & RECOMMENDATIONS Motion to Suppress (#16)

This matter is before the Court on Defendant Chad Askren's Motion to Suppress Evidence (#16), filed on April 28, 2015. The Government filed its Response (#23) on June 5, 2015 and Defendant filed his Reply (#26) on June 10, 2015. The hearing on the motion to suppress was continued at the request of the parties and was conducted by the Court on September 10, 2015.

BACKGROUND

The indictment in this case charges Defendant Chad Askren with receipt of child pornography in violation of 18 U.S.C. § 2252A(a)(2) and (b); possession of child pornography in violation of 18 U.S.C. § 2252A(a)(5)(B) and (b); and advertising child pornography in violation of 18 U.S.C. § 2251(d). These charges arise from evidence allegedly discovered during the December 13, 2012 search of a residence located at 514 Crimson View Place, Las Vegas, Nevada, 89144. The search was conducted pursuant to a warrant issued by the undersigned magistrate judge on December 10, 2012. During the search, a computer allegedly belonging to Defendant Askren was seized. A forensic examination of the computer resulted in the discovery of 76 videos and 5,284 images depicting child pornography.

27

28

The search warrant was based on an affidavit by William C. Hedges, a Special Agent (SA) of the Department of Homeland Security, Homeland Security Investigations (HSI) (hereinafter "Agent Hedges"). See Motion (#16), Search Warrant Affidavit, Exhibit 1; Government's Response, Exhibit A (hereinafter "Affidavit"). Agent Hedges stated in his affidavit that as part of his daily duties, he investigates criminal violations relating to child exploitation and child pornography. He has received training in the areas of child pornography and child exploitation; conducted and assisted in the execution of Federal child pornography search warrants; and conducted and assisted in the seizure of computers and media storage devices containing child pornography. Affidavit, ¶ 1. The affidavit contained a recitation of the child pornography criminal statutes, ¶¶ 5-10; definitions of terms relating to child pornography laws, computers, digital devices, and the internet, ¶ 11(a)-(t); a background on computers and child pornography, and online child exploitation, including the behavioral characteristics of "people who produce, trade, distribute, or possess images of child pornography" and the manner in which computers and the internet are used to facilitate these activities, ¶¶ 12-21; the manner in which searches of computers are conducted, ¶¶ 22-24; and the search methodology to be employed in searching the hard drive of a computer(s) for evidence of child pornography or evidence of other criminal activity that may be stored on a computer hard drive. $\P 25(a)$ -(h).

The affidavit also provided the following "Background on Node-to-Node File Sharing:"

An increasingly common activity on the Internet is peer-to-peer (P2P) file sharing. P2P file sharing is a method of communication available to Internet users through the use of special software. Computers link together through the Internet using this software form a network that allows for the sharing of digital files between users on the network. A user first obtains the P2P software, which can be downloaded from the Internet. In general, P2P software allows the user to set up file(s) on a computer to be shared with others running compatible P2P software. A user obtains files by opening the P2P software on the user's computer, and conducting a search for files that are currently being shared on the network. One of the newest evolutions of P2P software allows users to setup their own private P2P network of contacts. File sharing through these new and publicly available P2P file sharing programs is limited to only other users who have been added to a user's private list of "friends." A new user is added to your list of friends through a friend request. Acceptance of a friend request will allow the new user to browse the list of files that the other user who sent the friend request has made available. The new user can then select the file(s) from this list and download the

24

25 26

27

28

selected file(s). Whether by using a friend-list version of the software or by one that allows all users to see the files available, the download of a file is achieved through a direct connection between the computer requesting the file and the computer containing the file.

- One of the advantages of some P2P file-sharing programs is that multiple files may be downloaded in parallel. This means that the user can download more than one file at a time. However, this feature was not enabled in this investigation. The files downloaded were from a single source.
- A P2P file transfer is assisted by reference to an Internet Protocol (IP) address. The IP address provides a unique location making it possible for data to be transferred between computers.
- Third-party software, such as CommView, can be loaded on a computer and used to monitor and log Internet traffic between two computers. Such software enables its user to identify the IP address of the P2P computer containing the file, and to identify if parts of the file came from one or more IP addresses. Such software further monitors and logs Internet and local network traffic.
- The computers that are linked together to form a P2P network are located throughout the world; therefore, the P2P network operates in interstate and foreign commerce. A person who includes child pornography files in his/her "shared" folder is hosting child pornography and is thereby promoting, presenting, and potentially distributing child pornography. A person who hosts child pornography in this fashion is in violation of Title 18, United States Code, Section 2252A(a)(3)(B) in that he/she is promoting and presenting child pornography in interstate and foreign commerce by means of a computer.
- Even though P2P networks link together computers all 31. over the world and users can download files, it is not possible for one user to send or upload a file to another user through the P2P network. The software is designed only to allow files to be downloaded that have been selected. One does not have the ability to send files from his/her computer to another user's computer or to download files from another user's computer without the other user's permission, knowledge, and active participation.

Affidavit, $\P\P$ 26-31.

Under "Details of Investigation," Agent Hedges stated that he initiated an online undercover investigation on October 2, 2012. Using law enforcement computer software, Agent Hedges identified a computer located at Internet Protocol (IP) address 68.229.54.147 as having numerous file names indicative of child pornography available to be shared on the ARES P2P Network. Affidavit, ¶ 32. The ARES P2P Network is a de-centralized file sharing network that uses the

Internet. Using ARES Galaxy software, users can download and share images, videos, music, etc.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

- The data to be shared is stored on each ARES Galaxy user's computer and allowed to be shared, or not to be shared by the user. ¶ 33. The affidavit further stated:
 - To share files on the ARES network, the user has to search for and download a software application capable of interfacing with the ARES network. This application, when installed, allows the user to search for pictures, movies or other digital files using search terms. A text search goes to a "Supernode," an index server that handles requests and examines submitted file lists from a "node" (other individual ARES network participant users) that it knows about for files matching the text search request. A file list is then sent back to the requesting user who can choose to download files from a node that possesses at least a portion of the files. For files to be shared on the ARES network, the individual user's application must be set up to identify files and folders available for sharing. The application will then proceed to make available any file the user chooses to share. Your affiant knows from training and experience that search results presented to the user allow the user an option to select (or not to select) a file and then to take additional steps to download the file to their own computer. During this process, parts of the downloaded file can be received from other users around the world. Because users can receive parts of the selected file from numerous sources simultaneously, downloading files from peers is much faster than downloading a file from a single source.
 - Your affiant knows that the files shared by the users of the ARES network are identified by a file name and mathematical algorithm known as Secure Hash Algorithm Version 1, or SHA-1, hash value. While file names are more intuitive to a human being when searching for content and selecting files for download, the actual uniqueness of each file is identified by its SHA-1, hash value, which the ARES network uses to index files. SHA-1, hash values are a long string of alpha numeric characters to represent the data in the shared file. SHA-1 was developed by the National Institute of Standards and Technology (NIST), along with the National Security Agency (NSA). The United States of America has adopted the SHA-1, hash algorithm as a Federal Information Processing Standard. It is computationally infeasible . . . to find two different files that produce the same SHA-1, hash value. This allows investigators to identify a file by the value, regardless of the name of the file, with greater than 99.99 percent certainty. The SHA-1 digital signature can be explained as a digital fingerprint, or DNA of the file. Your affiant has been trained, and is able to compare the SHA-1 digital fingerprint value of files being shared on the network to previously identified SHA-1, hash values of any file, including child pornography, which are known to investigators. Your affiant knows that even if a user changes the file name, the SHA-1, hash value, or digital fingerprint for the file, will remain the same.
 - 36. The target IP address (68.229.54.147) was identified as being a "download candidate," offering images depicting child pornography for sharing numerous times on October 2, 2012. In order

4

to be a download candidate for child sexual exploitation files of investigative interest previously identified, the ARES network software on the subject computer must have reported to the network that it had files available for sharing, that had a SHA-1 hash value that your affiant knows matched the SHA-1 hash values of known/previously viewed child pornography available for trade through the network. A computer at the target IP address was identified and recorded as a download candidate on several occasions before and after October 2, 2012.

Affidavit, $\P\P$ 34-36.

Agent Hedges stated that on October 2, 2012, he used a law enforcement software program to compare SHA-1 values advertised by the computer using IP address 68.229.54.147 to SHA-1 values stored in the agent's known child exploitation files library, and "located many files that depict child pornography." *Affidavit*, ¶ 37. On October 2, 2012, Agent Hedges downloaded four files from the computer using IP address 68.229.54.147 that contained images of child pornography. *Id.*, ¶ 38.1

Agent Hedges further stated that a records check revealed that Cox Communications was the owner of IP address 68.229.54.147. On October 16, 2012, a Department of Homeland Security summons was sent to Cox Communications requesting subscriber information for IP address 68.229.54.147 for the specific date and time of the suspected activity. Cox Communications responded to the summons on October 19, 2012 and advised that at the requested date and time IP address 68.229.54.147 was assigned to the residential account of an individual who is identified by the parties as "CS" with a residential address of 514 Crimson View Pl., Las Vegas, Nevada 89144, together with a listed telephone number. A records check with the Nevada Department of Motor Vehicles also listed CS's address as 514 Crimson View Pl., Las Vegas, Nevada 89144. The Clark County Assessors Office listed CS as the owner of the residential property. A records check with Nevada Energy showed that CS was the subscriber for utility service at the residence. Citizen and Immigration Service (CIS) reported that CS is a citizen of Italy and is a Legal Permanent Resident in

¹ Defendant does not dispute that the images described in Agent Hedges' affidavit meet the definition of "child pornography" in 18 U.S.C. § 2256(8).

²CS's full name is stated in Agent Hedge's affidavit.

the United States. *Affidavit*, $\P\P$ 39-43.

Agent Hedges conducted surveillance at 514 Crimson View Place on November 19, 20 and December 4, 2012. No one was seen entering or exiting the residence during this surveillance and no vehicles were observed at the residence. On November 19th and December 4th trash cans were sitting on the curb in front of the residence. *Affidavit*, ¶ 44.

The search warrant authorized the law enforcement agents to search 514 Crimson View Place, including any computers found on the premises, for evidence of child pornography. *See Affidavit, Attachments A* and *B*. During the execution of the search warrant, CS told law enforcement agents that he had a wireless network and a password protected router. CS also stated that Defendant Askren was his roommate and had access to the network. *Government's Response (#23), pg 3:7-9.* According to the Government, "[a] preview of the Defendant's computer showed indicia of child pornography." *Id., at 3:9-10.* Defendant states that CS also told the agents that Defendant had been living with his girlfriend and would only come to CS's home to check his mail. *Motion (#16), pg 3:6-7.*

DISCUSSION

Defendant Askren argues that Agent Hedge's affidavit did not provide sufficient facts to support a finding of probable cause to search the premises at 514 Crimson View Place for evidence of child pornography. Defendant also asserts that the information in the affidavit was stale because the agents did not apply for the search warrant until more than two months after Agent Hedges downloaded images of child pornography from the computer using IP address 68.229.54.147. Defendant further argues that the affidavit was so lacking in the indicia of probable cause that agents did not have a good faith basis to rely on the validity of the warrant. The Government disputes each of Defendant's contentions.

The Fourth Amendment to the United States Constitution provides that "[t]he right of the people to be secure in their persons, houses, papers, and effects, against unreasonable searches and seizures, shall not be violated, and no Warrants shall issue, but upon probable cause, supported by Oath or affirmation, and particularly describing the place to be searched, and the persons or things to be seized." A search warrant is supported by probable cause if the issuing judge finds that "given

all the circumstances set forth in the affidavit before him . . . there is a fair probability that contraband or evidence of a crime will be found in a particular place." *United States v. Underwood*, 725 F.3d 1076, 1081 (9th Cir. 2013), quoting *Illinois v. Gates*, 462 U.S. 213, 238, 103 S.Ct. 2317, 76 L.Ed.2d 527 (1983). "Whether there is a fair probability depends on the totality of the circumstances, including reasonable inferences, and is a 'common sense, practical question.' . . . Neither certainty nor a preponderance of the evidence is required." *United States v. Kelley*, 482 F.3d 1047, 1050 (9th Cir. 2007), citing *United States v. Gourde*, 440 F.3d 1065, 1069 (9th Cir. 2006) (en banc). "An affidavit must recite underlying facts so that the issuing judge can draw his or her own reasonable inferences and conclusions; it is these facts that form the central basis of the probable cause determination." *Underwood*, 725 F.3d at 1081. Expert opinion about the behavior of a particular class of persons may also be considered in the totality of the circumstances. The affidavit must, however, lay a foundation which shows that the person subject to the search is a member of the class. *Id*.

Probable cause in this case was predicated on Agent Hedges' downloading of child pornography images from a computer that made them available for downloading on the ARES P2P network on October 2, 2012. The computer that made the images available used IP address 68.229.54.147. Through follow-up investigation, Agent Hedges determined that on October 2, 2012 IP address 68.229.54.147 was assigned by Cox Communications to the residential account of CS whose address was 514 Crimson View Pl., Las Vegas, Nevada 89144. Further inquiries to the Nevada Department of Motor Vehicles, NV Energy, and Citizen and Immigration Service also indicated that CS resided at 514 Crimson View Place. Subsequent surveillance of the residence did not result in the observation or identification of any individuals or motor vehicles going to or coming from the residence. The presence of trash cans in front of the residence on two of the three surveillance dates indicated that the residence was occupied.

Defendant argues that the identification of the residential address of an Internet services subscriber, whose assigned IP address was used to send or receive child pornography, does not provide probable cause to search the subscriber's residence. In rejecting a similar argument in *United States v. Carter*, 549 F.Supp.2d 1257, 1267-68 (D.Nev. 2008), the undersigned quoted

United States v. Perez, 484 F.3d 735, 740-741 (5th Cir. 2007), *cert. denied* at 552 U.S. 952, 128 S.Ct. 405 (2007), as follows:

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

In this case it is clear that there was a substantial basis to conclude that evidence of criminal activity would be found at 7608 Scenic Brook Drive. The affidavit presented to the magistrate included the information that the child pornography viewed by the witness in New York had been transmitted over the IP address 24.27.21.6, and that this IP address was assigned to Javier Perez, residing at 7608 Scenic Brook Drive, Austin, Texas 78736. Perez argues that the association of an IP address with a physical address does not give rise to probable cause to search that address. He argues that if he "used an unsecure wireless connection, then neighbors would have been able to easily use [Perez's] internet access to make the transmissions." But though it was possible that the transmissions originated outside of the residence to which the IP address was assigned, it remained likely that the source of the transmissions was inside that residence. See United States v. Grant, 218 F.3d 72, 73 (1st Cir. 2000) (stating that "even discounting for the possibility that an individual other than [defendant] may have been using his account, there was a fair probability that [defendant] was the user and that evidence of the user's illegal activities would be found in [defendant's] home") (emphasis in original). "[P]robable cause does not require proof beyond a reasonable doubt." Brown, 941 F.2d at 1302.

Perez also argues that evidence that illicit transmissions were made does not give rise to probable cause that physical evidence would be located at the residence. However, the New York witness stated that the images she observed appeared to be videos played on a television screen transmitted via a web cam. There was therefore a basis to believe that the suspect would have such videos in his residence. Moreover, Britt stated in his affidavit that, in his experience, persons interested in child pornography typically retain numerous images of child pornography as well as "material documenting the arrangements, the introduction, and tasks to consummate the acquisition of child pornography." Based on this information, there was probable cause to believe that physical evidence of violations of the child pornography laws would be located at 7608 Scenic Brook Drive.

In *Chism v. Washington State*, 661 F.3d 380, 390-91 (9th Cir. 2011), the Ninth Circuit further comments as follows:

We have explained that a computer that is connected to the internet can be *uniquely* identified by its IP number, much like a land-line phone can be uniquely identified by its phone number. *See Forrester*, 512 F.3d at 510 n. 5. Moreover, we have repeatedly recognized the utility of using IP address information to investigate child pornography offenders. *See United States v. Craighead*, 539 F.3d 1073, 1080–81 (9th Cir. 2008) (holding that probable cause existed where the IP address from which child pornographic images were shared was traced to the defendant); *United States v. Hay*, 231 F.3d 630, 634–35 (9th Cir. 2000) (holding that an affidavit demonstrated probable cause where the agent carefully detailed how the IP address

associated with the child pornographic images was connected to the defendant). Our sister circuits take the same approach. See, e.g., United States v. Vosburgh, 602 F.3d 512, 526–27(3d Cir. 2010) ("[S]everal Courts of Appeals have held that evidence that the user of a computer employing a particular IP address possessed or transmitted child pornography can support a search warrant for the physical premises linked to that IP address.") (footnote omitted); United States v. Stults, 575 F.3d 834, 843–44 (8th Cir. 2009); United States v. Perrine, 518 F.3d 1196, 1205–06 (10th Cir. 2008); United States v. Perez, 484 F.3d 735, 738–40 (5th Cir. 2007); United States v. Wagers, 452 F.3d 534, 539 (6th Cir. 2006); Hay, 231 F.3d at 635–36; see also United States v. Bynum, 604 F.3d 161, 165 (4th Cir. 2010).

Of course, if law enforcement agents possess other information that undermines the connection between an IP address and the residential or business address associated with the internet subscriber to which the IP address is assigned, then probable cause to search may be eliminated. *See Chism v. Washington State, supra.* No such information has been presented in this case.

Probable cause is further strengthened by the nature of the conduct described in Agent Hedges' affidavit. In *United States v. Schesso*, 730 F.3d 1040, 1045-46 (9th Cir. 2013), the court upheld a search warrant that was based on an affidavit substantially similar to the one in this case. The affidavit identified the IP address of a computer that had been used to upload and distribute child pornography on a peer-to-peer file sharing network. The IP address was assigned to the defendant and on that basis the state judge issued a warrant to search his residence for child pornography. In holding that the warrant was supported by probable cause, the court stated:

Schesso did not merely possess a commercial child pornography video, which might have resulted from a onetime accidental download or inadvertent receipt. Key to the probable cause analysis is the evidence that Schesso took affirmative steps of uploading and distributing the video on a network designed for sharing and trading. As the affidavit explained, peer-to-peer file sharing networks are "frequently used to trade digital files of child pornography," "often provide enhanced capabilities to reward those who share files by providing reduced waiting periods, higher user ratings, or other benefits," and sometimes do not allow users to download files at all unless they also share files. It is hardly a leap to infer that Schesso either had other files to share or that he used the network to download files.

It is not fatal to the finding of probable cause that Agent Hedges' affidavit did not identify Defendant Askren as a suspect. At the time the search warrant was issued, Defendant Askren was presumably unknown to law enforcement. Likewise, the only basis to connect CS to the child

pornography images was that the IP address assigned to him had been used to make the images available for downloading. The affidavit, however, provided probable cause to search the premises at 514 Crimson View Place for evidence of child pornography. As events unfolded, the agents determined that CS was not responsible for placing the child pornography images on the ARES P2P network. Child pornography images were instead allegedly found on Defendant's computer which used CS's internet connection and assigned IP address. If the agents had discovered that someone outside the residence had used IP address 68.229.54.147 to make child pornography images available for downloading, this would not have established that probable cause for the search warrant was lacking. Instead, it would have simply led the criminal investigation in a new direction.

Defendant's argument that the information in the affidavit was stale is without merit. "Information underlying a warrant is not stale 'if there is sufficient basis to believe, based on a continuing pattern or other good reasons, that the items to be seized are still on the premises." *United States v. Schesso*, 730 F.3d. at 1047, quoting *United States v. Lacy*, 119 F.3d 742, 745-46 (9th Cir. 1997). In *Schesso*, law enforcement agents applied for the warrant to search defendant's residence approximately 20 months after law enforcement agents in Germany confirmed that a child pornography video was made available on the peer-to-peer network. *Id.*, 730 F.3d at 1043. In holding that the information was not stale, the court cited the affidavit's statement that:

[I]ndividuals who possess, distribute, or trade in child pornography 'rarely, if ever, dispose of sexually explicit images of children" because these images are treated as "prized possessions." In light of the "nature of the criminal activity and property sought" and the reasonable inference that Schesso fit the profile of a collector, the state court judge had ample reason to believe that the eDonkey video or other digital child pornography files would be present at Schesso's residence a mere 20 months after the eDonkey incident. Id. at 745 (citation omitted); see also United States v. Allen, 625 F.3d 830, 842-43 (5th Cir. 2010) (holding that an 18-month delay between when defendant sent child pornography images through a peer-to-peer networking site and issuance of a search warrant did not render the information stale); United States v. Morales-Aldahondo, 524 F.3d 115, 117-19 (1st Cir. 2008) (concluding that the passage of over three years since the acquisition of information that defendant's brother, who shared defendant's residence, had purchased access to various child pornography websites, did not render that information stale.).

730 F.3d at 1047.

. . .

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

Agent Hedges' affidavit also contained "boilerplate" statements about the characteristics of people who produce, trade, distribute, or possess images of child pornography, including that such individuals "rarely, if ever, dispose of sexually explicit images of minors because the images are treated as prized possessions." *Affidavit*, ¶12.c. The, then unidentified, individual who uploaded and placed the images of child pornography on the ARES P2P network fit the characteristics of child pornography collectors or distributors described in the affidavit. Given the relatively very short passage of time, approximately 2 months, between the date the images were made available for downloading and the date the agents applied for the warrant, there is no basis for concluding that the information was stale.

Because the search warrant was supported by probable cause and the information was not stale, it is not necessary to decide whether the good faith exception applies. If the Court was required to reach that issue, however, it would hold that the agents had objectively reasonable grounds to rely on the validity of the warrant. See United States v. Underwood, 725 F.3d at 1085, citing United States v. Leon, 468 U.S. 897, 922, 104 S.Ct. 3405, (1984). To determine whether the officer acted in objectively reasonable reliance, all of the circumstances relating to the issuance of the warrant may be considered. Id. The Supreme Court has identified four situations that per se fail to satisfy the good faith exception: (1) where the affiant recklessly or knowingly placed false information in the affidavit that misled the issuing judge; (2) where the judge wholly abandons his or her judicial role; (3) where the affidavit is so lacking in indicia of probable cause as to render official belief in its existence entirely unreasonable; and (4) where the warrant is so facially deficient in failing to particularize the place to be searched or the things to be seized that the executing officers cannot presume it to be valid. *Id.* None of these situations apply in this case. A conclusion that the warrant was not supported by probable cause would, at most, be a borderline finding and would not support a conclusion that the issuing magistrate judge "wholly abandoned" his judicial role or that the affidavit was so lacking in indicia of probable cause as to render official belief in its existence entirely unreasonable.

27

28

. . .

CONCLUSION

The affidavit of Agent Hedges provided probable cause for the search of the premises at 514 Crimson View Place, Las Vegas, Nevada, 89144, including any computers found therein, for evidence of child pornography. The information contained in the affidavit was not stale. Accordingly,

RECOMMENDATION

IT IS RECOMMENDED that Defendant's Motion to Suppress Evidence (#16) be denied.

NOTICE

Pursuant to Local Rule IB 3-2, any objection to this Finding and Recommendation must be in writing and filed with the Clerk of the Court within fourteen (14) days. The Supreme Court has held that the courts of appeal may determine that an appeal has been waived due to the failure to file objections within the specified time. Thomas v. Arn, 474 U.S. 140, 142 (1985). This circuit has also held that (1) failure to file objections within the specified time and (2) failure to properly address and brief the objectionable issues waives the right to appeal the District Court's order and/or appeal factual issues from the order of the District Court. Martinez v. Ylst, 951 F.2d 1153, 1157 (9th Cir. 1991); Britt v. Simi Valley United Sch. Dist., 708 F.2d 452, 454 (9th Cir. 1983).

DATED this 5th day of October, 2015.

United States Magistrate Judge